TOGTZF"hSOTZOOT

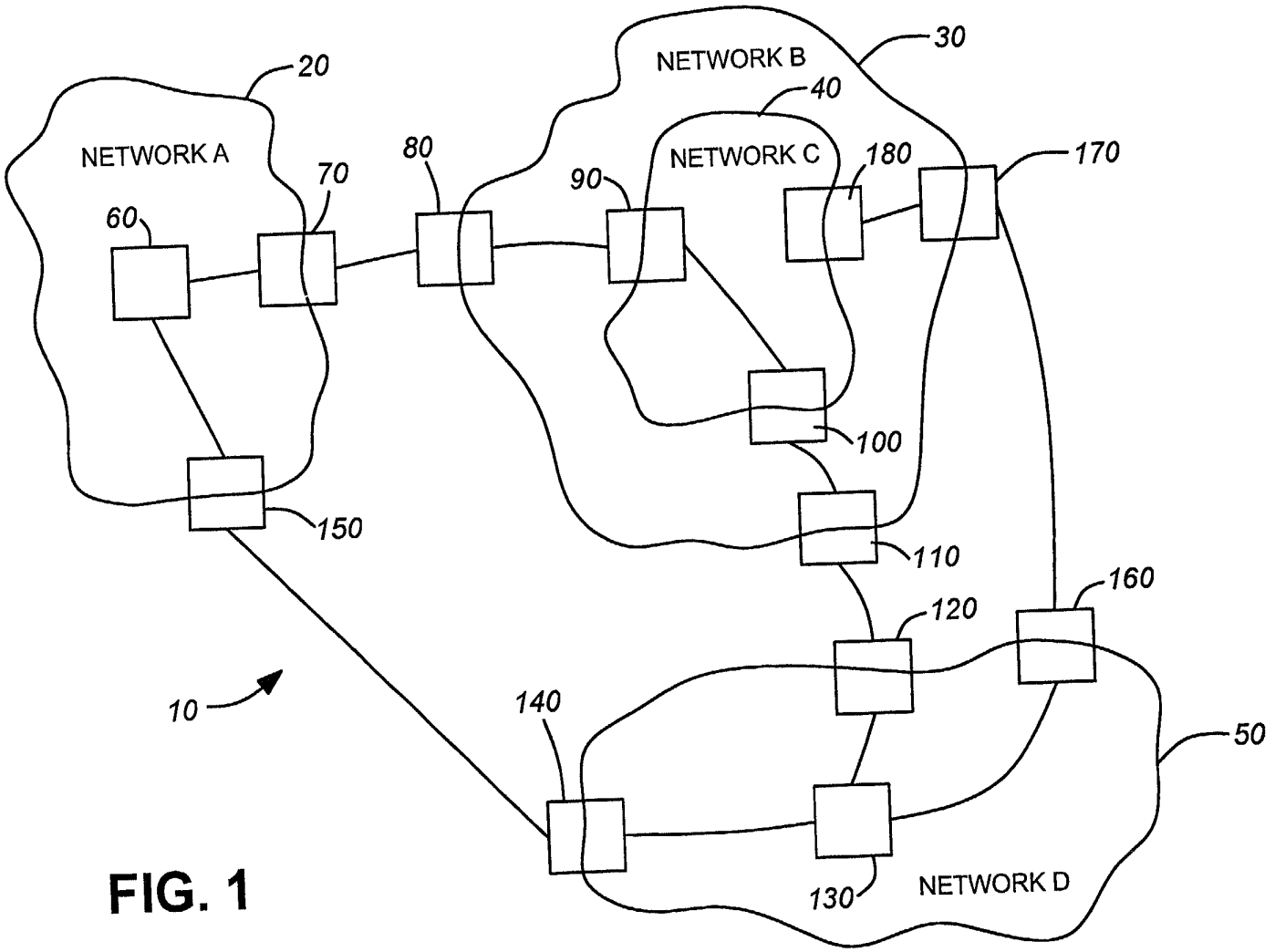

FIG. 1

TOGTZT"hSOTZOOT

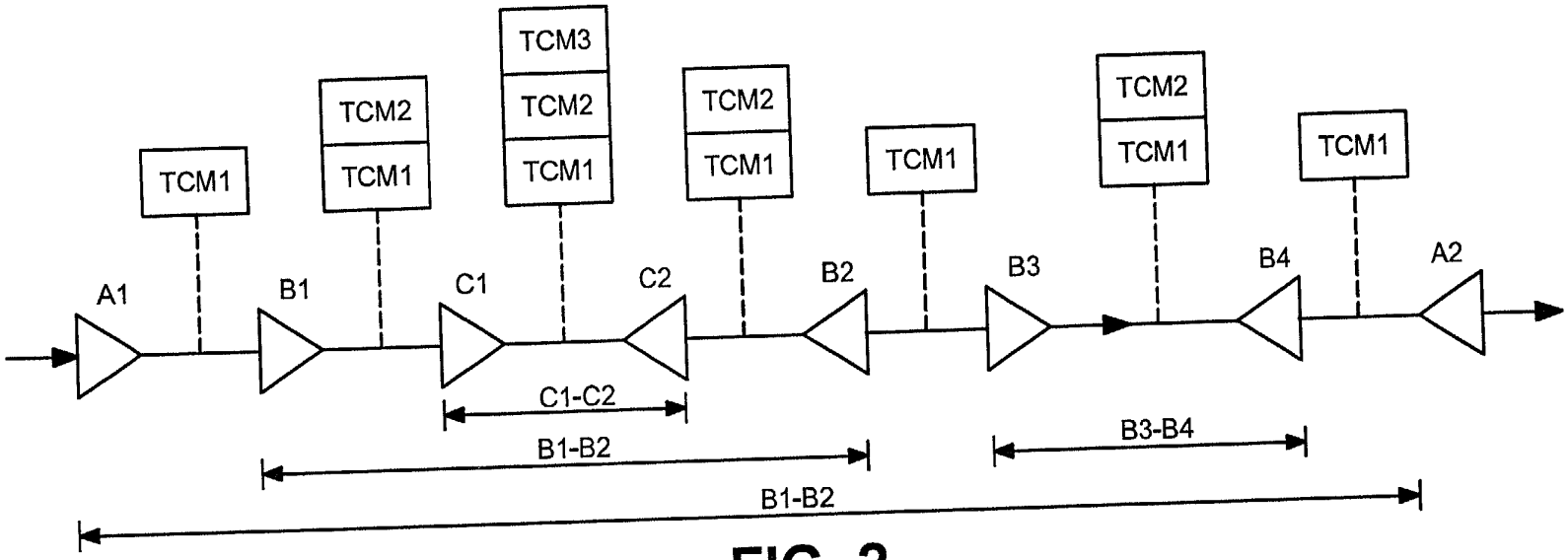

FIG. 2

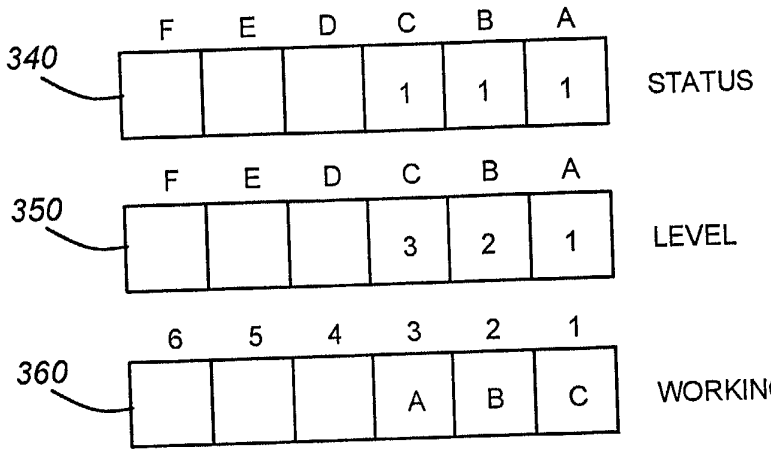

FIG. 4

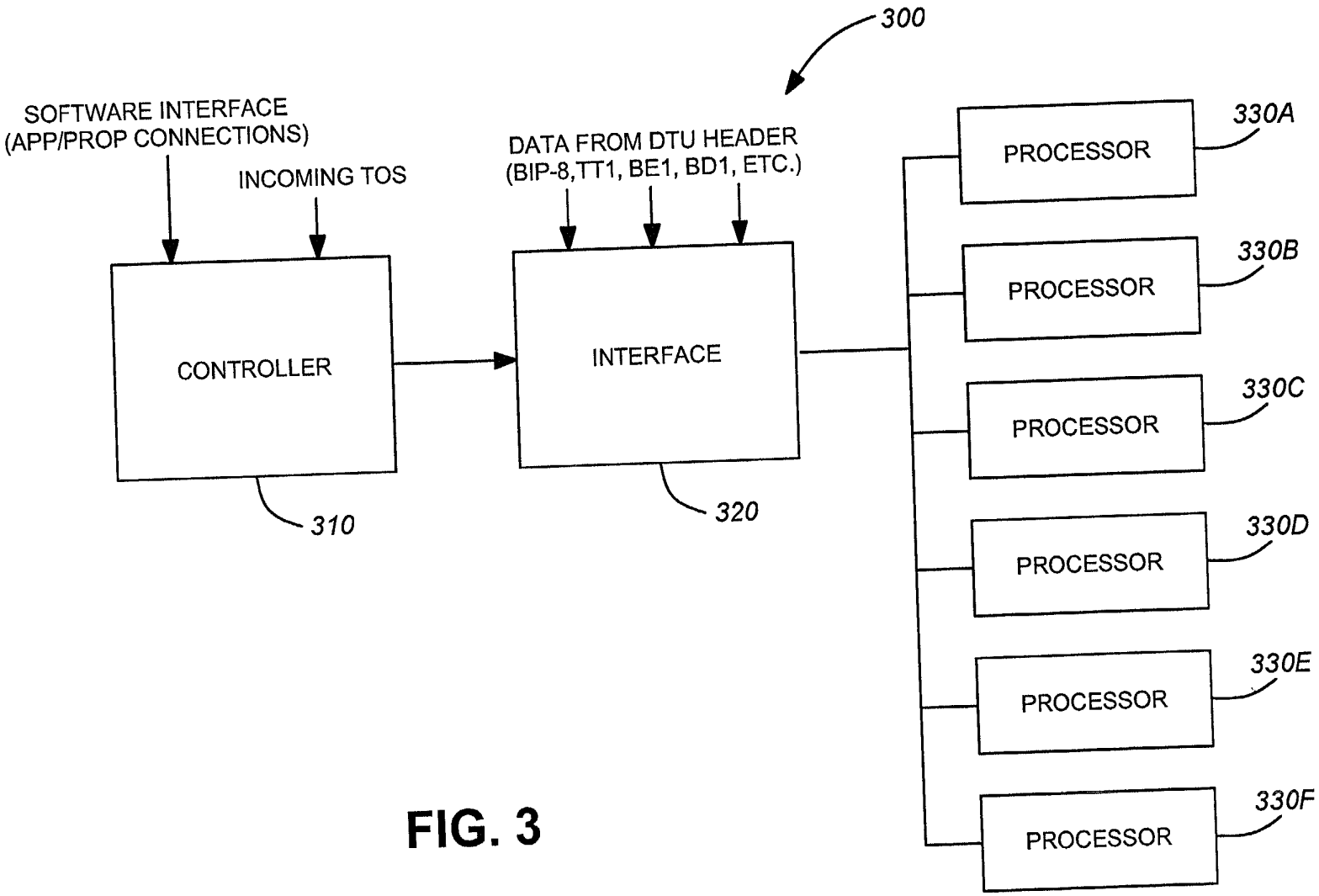
300
SOFTWARE INTERFACE
(APP/PROP CONNECTIONS)
INCOMING TOS
DATA FROM DTU HEADER
(BIP-8,TT1, BE1, BD1, ETC.)
CONTROLLER
INTERFACE
310
320
PROCESSOR
330A
PROCESSOR
330B
PROCESSOR
330C
PROCESSOR
330D
PROCESSOR
330E
PROCESSOR
330F

FIG. 3

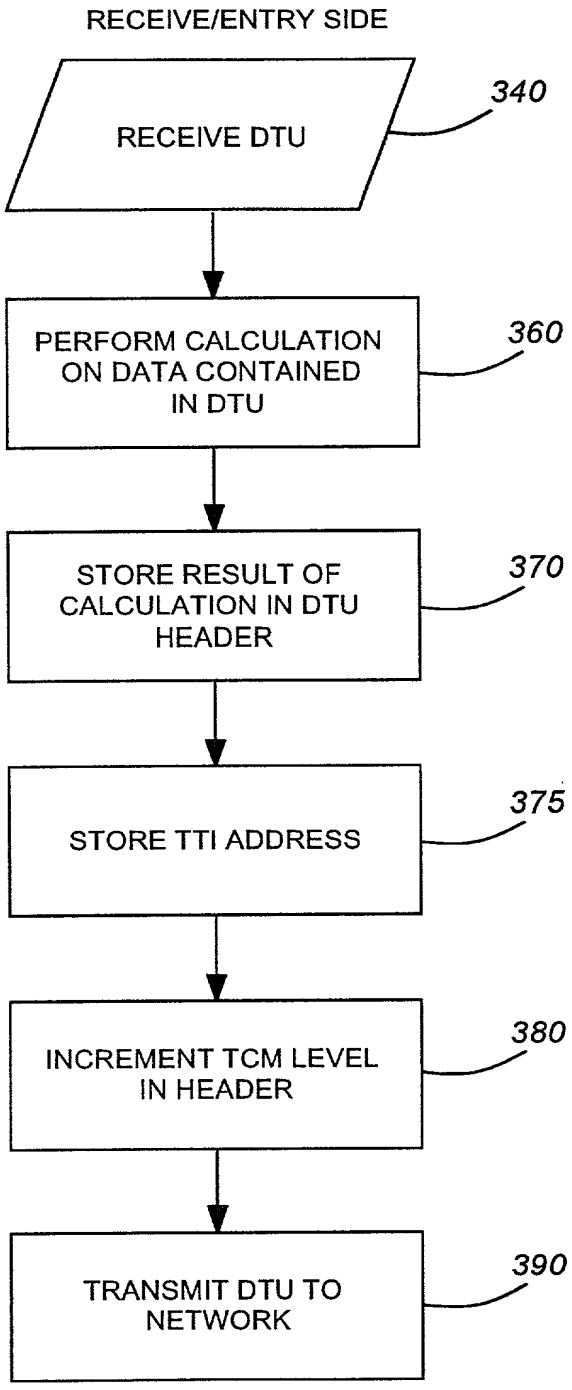
RECEIVE/ENTRY SIDE
RECEIVE DTU
340
PERFORM CALCULATION ON DATA CONTAINED IN DTU
360
STORE RESULT OF CALCULATION IN DTU HEADER
370
STORE TTI ADDRESS
375
INCREMENT TCM LEVEL IN HEADER
380
TRANSMIT DTU TO NETWORK
390

FIG. 5

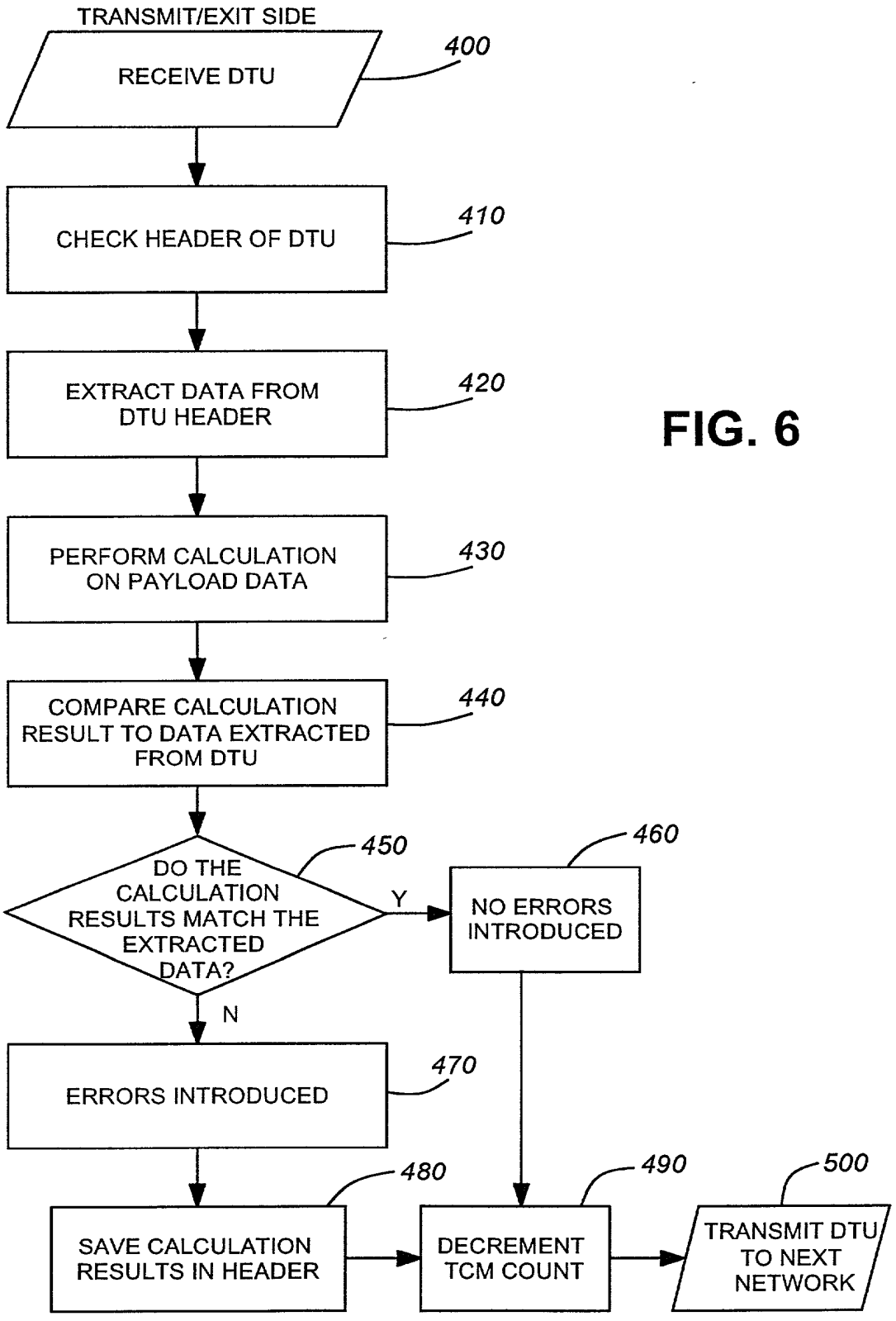
TRANSMIT/EXIT SIDE
RECEIVE DTU
400
CHECK HEADER OF DTU
410
EXTRACT DATA FROM DTU HEADER
420
PERFORM CALCULATION ON PAYLOAD DATA
430
COMPARE CALCULATION RESULT TO DATA EXTRACTED FROM DTU
440
DO THE CALCULATION RESULTS MATCH THE EXTRACTED DATA?
450
Y
NO ERRORS INTRODUCED
460
N
ERRORS INTRODUCED
470
SAVE CALCULATION RESULTS IN HEADER
480
DECREMENT TCM COUNT
490
TRANSMIT DTU TO NEXT NETWORK
500

FIG. 6